

IN THE CLAIMS

Please amend the claims as noted in the following listing of the claims. This listing replaces and supersedes all prior claim listings:

1. (Currently Amended) An imaging apparatus comprising:

an imaging device for reading a signal captured by an image pickup device to generate an image signal based on the image captured by said image pickup device;

a signal processor for generating image data of a predetermined frame rate based on said generated image signal;

a controller for controlling said imaging device or said signal processor to ~~set~~establish a variable frame rate of said image data ~~to different from said predetermined frame rate, said established frame rate constituting~~ a set frame rate, said controller generating frame rate information identifying said set frame rate ~~of respective frames~~ of said image data and generating sub-frame information identifying ~~the individual~~ frames of said image data having said set frame rate ~~that when said set frame rate is higher than a reference frame rate and that said individual frames~~ are included in a frame period defined by said reference frame rate; and

a transmitter for combining said frame rate information and said sub-frame information with said image data to transmit combined data.

2. (Currently Amended) The imaging apparatus according to claim 1, wherein said controller ~~sets~~establishes the variable frame rate of said image data by altering a reading frequency at which the captured signal is read from said image pickup device.

3. (Currently Amended) The imaging apparatus according to claim 1, wherein said controller sets-establishes the variable frame rate of said image data by controlling said signal processor to perform frame-skipping.

4. (Currently Amended) The imaging apparatus according to claim 1, wherein said controller sets-establishes the variable frame rate of said image data by altering a reading frequency at which the captured signal is read from said image pickup device and by controlling said signal processor to add said image data on a frame basis.

5. (Canceled)

6. (Previously Presented) The imaging apparatus according to claim 1, wherein said signal processor samples an analog audio signal at a sampling frequency based on said set frame rate to generate audio data;

and

wherein said transmitter combines said frame rate information and said sub-frame information with said image data and said audio data.

7. (Previously Presented) The imaging apparatus according to claim 1, further comprising a signal recording apparatus for receiving said combined frame rate information and said sub-frame information and said image data to record the combined frame rate information and said sub-frame information and image data on a recording medium.

8. (Currently Amended) An imaging method comprising the steps of:

generating image data at a predetermined frame rate based on a signal read from an image pickup device;

~~setting-establishing~~ a variable frame rate of said image data ~~to different from said predetermined frame rate, said established frame rate constituting~~ a set frame rate;

generating frame rate information identifying said set frame rate of respective frames of said image data and generating sub-frame information identifying ~~the individual~~ frames of said image data having said set frame rate ~~that when said set frame rate is higher than a reference frame rate and that said individual frames are included in a frame period defined by said reference frame rate; and~~

combining said frame rate information and said sub-frame information with said image data to transmit the combined data.

9. (Currently Amended) The imaging method according to claim 8, wherein the variable frame rate of said image data is set-established by altering a reading frequency at which the signal is read from said image pickup device.

10. (Currently Amended) The imaging method according to claim 8, wherein the variable frame rate of said image data is set-established by frame-skipping.

11. (Currently Amended) The imaging method according to claim 8, wherein the variable frame rate of said image data is set-established by altering a reading frequency at which the signal is read from said image pickup device and said image data is added on a frame basis.

12. (Canceled)

13. (Previously Presented) The imaging method according to claim 8, further comprising the steps of:

sampling an analog audio signal at a sampling frequency based on said set frame rate to generate audio data; and

wherein said frame rate information and said sub-frame information is combined with said image data and said audio data.

14. (Previously Presented) The imaging method according to claim 8, wherein said combined frame rate information and said sub-frame information and image data is transmitted to signal recording apparatus for recording on a recording medium.